PRELIMINARY DRAFT - February 20, 1997

METAL POLISH/CLEANSER
(Aerosol and Non-aerosol)

Preliminary Draft VOC Limit: 10% by weight

I. Product Definition:

"Metal Polish/Cleanser" means any product that is designed primarily to improve the appearance of finished metal, metallic or metallized surfaces by physical or chemical action. To "improve the appearance" means to remove or reduce stains, impurities, or oxidation from surfaces or to make surfaces smooth and shiny. This category includes metal polishes used on brass, silver, chrome, copper, stainless steel and other ornamental metals. "Metal Polish/Cleanser" does not include automotive wax, polish, sealant or glaze, wheel cleaner, or industrial products designed for use in degreasing tanks or as strippers.

II. Typical Formulations of Complying Products (Category 535):

Disclaimer: The following sample formulations for complying products are <u>not</u> intended to be complete formulations. Air Resources Board staff realize that consumer product formulations are often complex mixtures that require extensive testing to optimize. The sample formulations are intended to illustrate the approximate proportions of compounds that may be used to formulate a consumer product that meets the draft volatile organic compound limits for the Mid-term Measures.

A. Aerosol Products

1. Water-based formulation:*

Wt. %	Ingredient
60 - 80	Water
5 - 10	VOC's
5 - 10	Non VOC Propellant
10 - 20	Inorganics

* As seen in our 1995 Mid-term Measures Survey

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B. Non-aerosols

1. Water-based formulation:*

Wt. %	Ingredient
50 - 85	Water
0 - 5	VOC's
0 - 10	LVP VOC's
0 - 30	Inorganics

2. Non-VOC solvent based formulation:*

Wt. %	Ingredient
0 - 50	Water
0 - 20	LVP VOC’s
30 - 80	Inorganics

3. LVP VOC compound based formulation:*

Wt. %	Ingredient
0 - 40	Water
0 - 70	LVP VOC’s
0 - 40	Inorganics

* As seen in our 1995 Mid-term Measures Survey